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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/555,306	10/06/2000	Volker Timm	PHD98-119	3905

7590 01/30/2002

Corporate Patent Counsel
Philips Electronics North America Corporation
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EXAMINER

TAYLOR, LARRY D

ART UNIT	PAPER NUMBER
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2876

DATE MAILED: 01/30/2002

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/555,306

Applicant(s)

TIMM ET AL.

Examiner

Larry D Taylor

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 06 October 2000.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-4 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-4 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☒ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 06 October 2000 is/are: a) ☐ accepted or b) ☒ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on _____ is: a) ☐ approved b) ☐ disapproved by the Examiner.
If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. §§ 119 and 120

- 13) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
a) ☒ All b) ☐ Some * c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892) 4) ☐ Interview Summary (PTO-413) Paper No(s). _____
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948) 5) ☐ Notice of Informal Patent Application (PTO-152)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449) Paper No(s) _____ 6) ☐ Other: _____

DETAILED ACTION

Receipt of Pre-Amendment

1. Receipt is acknowledged of the pre-amendment filed 06 October 2000.

Specification

2. The abstract of the disclosure is objected to because the abstract is more than one paragraph and is not in compliance with 37 CFR 1.72(b). Correction is required. See MPEP § 608.01(b).

3. The disclosure is objected to because of the following informality(s):

Applicant(s) are reminded to include the following in the next communication with respect to the header(s) within the specification, as following:

(a) -- **Background of the Invention** --: The specification should set forth the Background of the Invention in two parts: -- **Field of the Invention** -- and -- **Description of the Related Art** --.

(b) -- **Brief Summary of the Invention** --.

(c) -- **Brief Description of the Several Views of the Drawings(s)** --.

(d) -- **Detailed Description of the Invention** --.

Appropriate correction is required.

Drawings

4. The drawings are objected to because they fail to further clarify the description of the invention. In specific, the Examiner wishes the Applicant to label all the blank boxes in figure 1 (i.e., boxes 1-2, 5-8, etc.).

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A proposed drawing correction or corrected drawings are required in reply to the Office action to avoid abandonment of the application. The objection to the drawings will not be held in abeyance.

5. Applicant is required to submit a proposed drawing correction in reply to this Office action. However, formal correction of the noted defect may be deferred until after the examiner has considered the proposed drawing correction. Failure to timely submit the proposed drawing correction will result in the abandonment of the application.

Claim Objections

6. Claim 1 is objected to because of the following informalities:

Claim 1, lines 3-4: Substitute "the operation" with -- **an operation** --.

Appropriate correction is required.

Claim Rejections - 35 USC § 102

7. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in a patent granted on an application for patent by another filed in the United States before the invention thereof by the applicant for patent, or on an international application by another who has fulfilled the requirements of paragraphs (1), (2), and (4) of section 371(c) of this title before the invention thereof by the applicant for patent.

The changes made to 35 U.S.C. 102(e) by the American Inventors Protection Act of 1999 (AIPA) do not apply to the examination of this application as the application being examined was not (1) filed on or after November 29, 2000, or (2) voluntarily published under 35 U.S.C. 122(b). Therefore, this application is examined under 35 U.S.C. 102(e) prior to the amendment by the AIPA (pre-AIPA 35 U.S.C. 102(e)).

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8. Claims 1-4 are rejected under 35 U.S.C. 102(e) as being anticipated by Asami et al. (US 6,036,100).

Asami teaches a non-contact chip card 1 which includes a processor 8, the card able to connect to a reader 2 to exchange data signals and take up electrical energy, the card containing asynchronously logic components 4, 5, and 6 coupled to contactless interface antenna 3 (see figure 2). The stages at which the processor operates can occur at interleaved times, thereby using the shortest data communication time possible for a specific card application (col. 4, line 55 – col. 5, line 16 and col. 11, lines 9-28). The rectifying circuit 9 applies current supply from the antenna 3 to the components of the card, which would function to provide the card with the most possible ideal current supply to process data.

Conclusion

9. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. Takahira (US 5,182,442) and Commercial (US 6,317,825 B1) teach the use of asynchronous circuitry with a chip in a card, the circuitry useful with the card for producing low power consumption and fast processing.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Larry D Taylor whose telephone number is (703) 306-5867. The examiner can normally be reached on M-F (8:30 - 5:00).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Michael G. Lee can be reached on (703) 305-3503. The fax phone numbers for the organization where this application or proceeding is assigned are (703) 746-4784 for regular communications and (703) 308-7722 for After Final communications.

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Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703) 308-0956.



Larry D Taylor
January 28, 2002



MICHAEL G. LEE
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2800